

Message Text

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ACTION PM-03

INFO OCT-01 ARA-06 ISO-00 NSC-05 SP-02 SS-15 L-02 CIAE-00

INR-07 NSAE-00 PRS-01 ACDA-05 AID-05 IGA-01 MC-02

/055 W

----- 108045

P R 211830Z APR 75

FM AMEMBASSY BRASILIA

TO SECSTATE WASHDC PRIORITY 8801

INFO SECDEF WASHDC

JCS WASHDC /J-5/

USCINCSO QUARRY HTS CZ /SC-O/

COM USMILGP BUENOS AIRES

COM USMILGP RIO DE JANEIRO /SCBRC/

C O N F I D E N T I A L SECTION 1 OF 2 BRASILIA 3045

E. O. 11652: GDS

TAGS: MASS, BR

SUBJECT: DOD PROPOSED MASTER DATA AGREEMENT

REFS: A. STATE 054871

B. MILGP BRAZIL SCBRP MSG DTG 052143Z AUG 74

C. USCINCSO SC-O MSG DTG 211539Z AUG 74

SUMMARY: BRAZIL'S PRIMARY INTEREST IN THE MASTER DATA AGREEMENT IS IN EXCHANGE OF TECHNICAL DATA IN APPLIED RESEARCH AND PRODUCT IMPROVEMENT. THE EMBASSY BELIEVES THAT THE FLOW OF DATA WILL NOT BE ENTIRELY ONE-WAY BRAZIL IS DEVELOPING A MILITARY ARMA-MENTS INDUSTRY IN CERTAIN AREAS USEFUL TO THE U.S. AND QUID-PRO-QUO ARRANGEMENTS SHOULD BE AN ELEMENT OF CONSIDERATION IN EACH ANNEX THAT MIGHT BE CONCLUDED UNDER THE AGREEMENT. THE AMBASSADOR WOULD REQUIRE THAT ACTIVITIES UNDER THE TERMS OF THE AGREEMENT BE CARRIED OUT UNDER HIS DIRECTION AND CONTROL, AND BELIEVES THAT NO CONFLICTS WITH U.S. OBJECTIVES OR POLICIES ARE LIKELY TO RESULT FROM SUCH ACTIVITIES. THE EMBASSY RECOMMENDS THAT PROMPT ACTION BE TAKEN TO CONCLUDE THE AGREEMENT WITH BRAZIL.

END SUMMARY

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1. BRAZIL IS INTERESTED PRIMARILY IN EXCHANGE OF TECHNICAL DATA IN APPLIED RESEARCH AND PRODUCT IMPROVEMENT, RELATED TO THE MODERNIZATION OF ITS ARMED FORCES AND THE ESTABLISHMENT OF A NATIONAL INDUSTRIAL BASE TO SUPPORT ITS FORCES. THE FOLLOWING ARE SPECIFIC AREAS WHERE INTEREST IN DATA EXCHANGE HAS BEEN REFLECTED:

A. ARMY:

- (1) AMMUNITION, EXPLOSIVES AND FUSE TECHNOLOGY (MANUFACTURE, QUALITY CONTROL, TESTING, ETC.)
- (2) MISSILE PROPELLANTS - SOLID AND LIQUID (MANUFACTURE, QUALITY CONTROL, TESTING, ETC.)
- (3) BASIC MATERIALS SCIENCES (CERAMICS, ALLOYING, CRYSTALS, ETC.)
- (4) METALLURGY, WITH PARTICULAR EMPHASIS ON CANNON TUBE PRODUCTION AND ON ARMOR PLATING.
- (5) TESTING AND EVALUATION OF COMBAT VEHICLES (WITH EMPHASIS ON WHEELED VEHICLES INCLUDING DESIGN OF TEST EQUIPMENT AND TEST BEDS).
- (6) LASER TECHNOLOGY, PARTICULARLY FOR COMMUNICATIONS USE.
- (7) WEAPONS SYSTEMS DESIGN CONCEPTS.
- (8) PIEZO-ELECTRIC CRYSTAL TECHNOLOGY.
- (9) SATELLITE AND TROPO-SCATTER COMMUNICATIONS TECHNOLOGY.
- (10) EXCHANGE OF RESIDENT SCIENTIST/INSTRUCTORS BETWEEN THE BRAZILIAN INSTITUTE FOR RESEARCH - DEVELOPMENT AND THE REDSTONE ARMY MISSILE LABORATORY.

B. NAVY:

- (1) CONSTRUCTION OF AN UNDERWATER ACOUSTICAL RANGE.
- (2) UNDERWATER PROPELLANTS (GUN AND ROCKET).
- (3) ROCKETRY.
- (4) SOLAR ENERGY CONVERSION.
- (5) SATELLITE NAVIGATION SYSTEMS AND DIFFERENTIAL OMEGA NAVIGATION (UNDER PROJECT OMEGA WHICH NOW HAS A JOINT BRAZIL-U.S POST IN RIO).
- (6) VLF COMMUNICATIONS SYSTEMS.
- (7) AMPHIBIOUS VEHICLES CAPABLE OF TROOP AND EQUIPMENT TRANSPORT.

C. AIR FORCE:

- (1) IMPROVEMENT OF FLIGHT TESTING TECHNIQUES.

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- (2) ALL-WEATHER RUNWAY CONSTRUCTION BY JOINT BRAZIL-U.S. SOILS ANALYSIS PROGRAM (SOIL STABILIZATION).
- (3) AIRPORT TRAFFIC CONTROL TECHNIQUES.
- (4) ENROUTE AIRCRAFT NAVIGATIONAL FACILITIES (GROUND STATIONS).
- (5) LIGHT MISSILE ADAPTATION FOR RESEARCH SHOTS INTO THE ATMOSPHERE.
- (6) LOGISTIC MANAGEMENT SYSTEMS.

- (7) INSTRUCTOR EXCHANGE PROGRAM BETWEEN THE USAF
INSTITUTE AND THE BRAZILIAN AIR FORCE TECHNICAL CENTER.
- (8) THEORETICAL RESEARCH IN AEROSPACE MEDICINE.

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INFO OCT-01 ARA-06 ISO-00 NSC-05 SP-02 SS-15 L-02 CIAE-00

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FM AMEMBASSY BRASILIA

TO SECSTATE WASHDC PRIORITY 8802

INFO SECDEF WASHDC

JCS WASHDC /J-5/

USCINCSO QUARRY HTS CZ /SC-O/

COM USMILGP BUENOS AIRES

COM USMILGP RIO DE JANEIRO /SCBRC/

C O N F I D E N T I A L SECTION 2 OF 2 BRASILIA 3045

2. WE DO NOT ANTICIPATE THAT THE FLOW WILL BE ENTIRELY ONE WAY. ALTHOUGH BRAZILIAN TECHNOLOGY IS BASIC IN SCOPE IT IS SUPPORTED BY A RAPIDLY EXPANDING INDUSTRIAL BASE WHICH IS CAPABLE OF INDEPENDENT PERFORMANCE AT THE APPLIED TECHNOLOGY LEVEL. BRAZIL IS RAPIDLY DEVELOPING A BASIC MILITARY ARMAMENTS INDUSTRY IN CERTAIN SPECIFIC USEFUL AREAS, SUCH AS SMALL ARMS AND TACTICAL VEHICLES. FOR EXAMPLE, ENGESA OF BRAZIL HAS DEVELOPED A NEW CONCEPT IN A WHEELED SCOUT VEHICLE/ARMORED CAR, AN AREA RELATIVELY UNTOUCHED FOR MANY YEARS BY THE U.S. TACOM, WITHIN DA, HAS PURCHASED A SET OF NEW BRAZILIAN RUN-FLAT TIRES FOR TESTING, AND ENGESA SOLD SEVERAL SETS OF ITS NEWLY DEVELOPED "BOOMERANG" SUSPENSION SYSTEMS TO THE U.S. ARMY FOR TESTING IN CONUS. THE EMBASSY BELIEVES THAT QUID-PRO-QUO CONSIDERATIONS ARE AN APPROPRIATE ELEMENT IN EACH ANNEX TO BE CONCLUDED WITHIN THE PROPOSED AGREEMENT AND THAT THE INHERENT COSTS TO U.S. SERVICES OF PROVIDING SUCH INFORMATION TO ITS COUNTERPART SERVICE WILL IN ITSELF TEND TO CONFINE AGREED ANNEXES TO THOSE AREAS WHERE SOME RETURN TO THE U.S. SERVICE OVER TIME CAN REASONABLY BE EXPECTED.

3. WE DO NOT ENVISAGE NOR IS THE AMBASSADOR PREPARED TO PERMIT ANY INCREASE IN STAFF FROM THESE COOPERATIVE ARRANGEMENTS,
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ALTHOUGH MUTUAL VISITS BETWEEN THE TWO
PARTICIPATING PARTNERS WOULD OBVIOUSLY RESULT.

4. WHILE WE REGARD THIS PROPOSAL PRIMARILY AS A COOPERATIVE ACTIVITY WITHIN THE CONTEXT OF THE BINATIONAL JBUSMCN, THE AMBASSADOR WOULD INSIST UPON CLOSE COORDINATION WITH OTHER U.S. AGENCIES AS REQUIRED TO ACHIEVE AN AGREED U.S. POSITION WITHIN THE USCT ON PROPOSED ACTIVITIES, AND WOULD ALSO INSIST UPON HIS OWN DIRECTION AND CONTROL OF THESE ACTIVITIES. AS A FUNCTION OF THAT CONTROL, AND TO AVOID BUILDING UP FALSE BRAZILIAN HOPES, THE AMBASSADOR WOULD REQUIRE THAT NO DISCUSSION OF PARTICULAR PROJECTS BE UNDERTAKEN WITH BRAZILIAN COUNTERPARTS UNTIL THE SUBSTANCE OF THE SUBJECT HAD BEEN CLEARED BY HIM AND BY STATE AND DEFENSE. HE WOULD ALSO WISH TO HAVE A CLEAR UNDERSTANDING THAT PERSONNEL VISITING BRAZIL UNDER THE TERMS OF THE MASTER AGREEMENT WOULD COME UNDER THE SUPERVISORY CONTROL OF THE CHIEF, U.S. DELEGATION, JBUSMC, ACTING IN HIS MAAG ROLE, AND THUS UNDER HIS DIRECTION WITHIN THE TERMS OF THE 1952 MUTUAL DEFENSE AGREEMENT WITH BRAZIL. GIVEN THESE CONDITIONS, THE AMBASSADOR BELIEVES THAT NO CONFLICT WITH EXISTING U.S.

OBJECTIVES OR POLICIES SHOULD RESULT FROM THE IMPLEMENTATION OF THE PROPOSED MASTER DATA AGREEMENT.

5. WE RECOMMEND THAT PROMPT ACTION BE TAKEN TO REVIEW THE ISSUES IDENTIFIED IN REF. A AND AUTHORITY BE PROVIDED TO DISCUSS AND CONCLUDE THE GENERAL OVERALL AGREEMENT PROPOSED BY REFS. B AND C. BECAUSE OF BRAZIL'S GROWING SELF-SUFFICIENCY, THERE IS A GENUINE PROSPECT FOR MUTUAL BENEFIT FROM AN UMBRELLA DATA EXCHANGE AGREEMENT. AT THE SAME TIME, WITH THIS AGREEMENT WE WOULD HOPE TO ACHIEVE LONG-RUN GAINS IN COORDINATED SYSTEMS AND STANDARDIZATION, AND TO CONTRIBUTE TO THE MAINTENANCE OF THE CLOSE MILITARY-TO-MILITARY COOPERATION WHICH IS AN IMPORTANT OBJECTIVE OF U.S. POLICY, THE CONCLUSION OF THE AGREEMENT IS A LOGICAL STEP IN FULFILLING UNDERTAKINGS IN EXISTING U.S.-BRAZIL MILITARY COOPERATION AGREEMENTS. TECHNICAL INFORMATION IS, IN FACT, ALREADY BEING FURNISHED AS PART OF OUR ONGOING RELATIONSHIP WITH THE BRAZILIAN ARMED FORCES.
CRIMMINS

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